



01-21-14 23:15 FROM-

MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
STATE PUBLIC HEALTH LABORATORY

T-349 P0004/0008 F-331

## ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED 1/28/14-CD REPORT #7

Complete this report in duplicate at the time of the regular monthly preventative maintenance check, and whenever instrument is repaired. Send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN  
100288PRINTER SN  
096.3580.982

REVIEWED

By Carol Day at 11:50 am, Feb 04, 2014

DATE OF INSPECTION  
01/21/2014LOCATION OF INSTRUMENT (STREET AND CITY)  
224 N. Main Peculiar, MO 64078 (Peculiar Police Department)TIME OF INSPECTION  
8:25 pm

**CHECKLIST:** Place a mark in the box by each item if found to be satisfactory or if operating within established limits. (Write in observed values where determined.) Unmarked items must be corrected before using instrument.

☒ DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)☒ TEMPERATURE OF ALCO SENSOR (10°C - 40°C)

19°C

☒ PRINTER WORKING PROPERLY☒ TIME AND DATE DISPLAYING PROPERLY

## BREATH ALCOHOL ACCURACY STANDARDS

☒ SIMULATOR SOLUTION☐ COMPRESSED ETHANOL-GAS MIXTURE☒ STANDARD SUPPLIER Guth Labs Inc.

LOT # 13210

EXP. DATE 07/29/2015

☒ SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34 C SIMULATOR SN SD2260 SIMULATOR EXP DATE 10/17/2014☒ CALIBRATION CHECK - (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT)

Run three tests using a standard solution. All three tests must be within ±5% of the standard value and must have a spread of .005 or less. Check the box corresponding to the standard solution being used. (PRINTOUT ATTACHED)

- ☒ 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE  
☐ 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE  
☐ 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1 .099

TEST 2 .100

TEST 3 .099

☒ RFI DETECTOR OPERATING

INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:  
(DO NOT INCLUDE SELF-ADMINISTERED TESTS)

REFUSALS	0	(0-.04)	0	(.05-.09)	0	(.10-.14)	0	(.15-.19)	0	(OVER .19)	0

List any new parts and describe any alteration or modification that was made to restore the instrument to operate satisfactorily and within established limits (use other side if necessary).

Instrument operating within standards.

## INSPECTING OFFICER

SIGNATURE

Sgt. Michael P. McLaughlin

PRINT NAME

Sgt. Michael P. McLaughlin

TYPE II PERMIT NUMBER/EXPIRATION DATE

230245 10/24/2015

TELEPHONE NUMBER

(816) 779-5102

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office  
2875 James Boulevard  
Poplar Bluff, MO 63901

AS IV Serial no: 100288  
Version no: 004C

TEST RECORD 00453

Temp Date Time 210L

Air Blank:  
01/21/14 20:26 .000  
Calibration Check:  
22 01/21/14 20:26 .100

Subject Name

TEST

Subject I.D.

305

Operator Name, I.D.

McLAUGHLIN 2302VS

Location

224 N-MATH

Pe culture MD 64022

AS IV Serial no: 100288  
Version no: 004C

TEST RECORD 00455

Temp Date Time 210L

Void: RFI  
12 01/21/14 20:29

Subject Name

TEST

Subject I.D.

305

Operator Name, I.D.

McLAUGHLIN 2302VS

Location

224 N-MATH

Pe culture MD 64022

AS IV Serial no: 100288  
Version no: 004C

TEST RECORD 00454

Temp Date Time 210L

Air Blank:

01/21/14 20:28 .000

Calibration Check:

23 01/21/14 20:28 .099

Subject Name

TEST

Subject I.D.

305

Operator Name, I.D.

McLAUGHLIN 2302VS

Location

224 N-MATH

Pe culture MD 64022

AS IV Serial no: 100280  
Version no: 004E

TEST RECORD 00452

Temp Date Time 210L

Air Blank  
01/21/14 20:25 .000  
Calibration Check:  
22 01/21/14 20:25 .099

Subject Name

TEST

Subject I.D.

305

Operator Name, I.D.

230245  
MCLAVAHAN

Location

R 24 N-MATA

PECULAN MD 64078

**GUTH LABORATORIES, INC.**

590 NORTH 6TH STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-684-5470

**CERTIFICATE OF ANALYSIS**

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 13210 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on July 31, 2013, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1216% (w/vol) ethyl alcohol. The expiration date for this lot number is July 29, 2015 at 11:59 PM.

When used in a calibrated Simulator, operating at 34°C +/- .2°C, this solution will give a breath alcohol analysis instrument reading of 0.100 g/210L +/- 3%.

The alcohol and water used in this solution were free of test interfering substances.

Ted L. Pauley, President  
GUTH LABORATORIES, INC.

**NIST Traceability:**

Testing was conducted using Cerilliant Reference Standard lot number FN122211-02 whose values are traceable to NIST.

All balances are calibrated annually by an outside agency using NIST traceable weights. Calibration verification is done prior to each use utilizing NIST traceable weights.



STATE OF MISSOURI  
DEPARTMENT OF HEALTH AND SENIOR SERVICES  
BREATH ALCOHOL PROGRAM



**PERMIT**  
**TYPE II**

**MICHAEL MCLAUGHLIN**

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field service and repairs, and operate the following breath analyzer(s):

**ALCO-SENSOR IV WITH PRINTER, INTOX DMT**

for the determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of sections 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

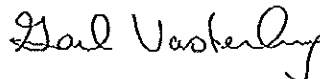
DATE 10/24/2013

NUMBER 230245

EXPIRES 10/24/2015

MO 580-0771 (8-10)

  
DIRECTOR OF STATE PUBLIC HEALTH LABORATORY



acting-director  
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (RG-10)

